

OSPO/
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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q85156

Ken YOSHIMURA, et al.

Appln. No.: 10/519,198

Group Art Unit: 1745

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Confirmation No.: 4526

Examiner: Unassigned

SEP 22 2005

Filed: December 23, 2004

TC 1700

For: POLYMER LAMINATE MEMBRANE, THE METHOD FOR PRODUCING THE
MEMBRANE AND THE USE OF THE MEMBRANE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. Japanese Laid-Open Patent Publication No. 11-144745 published May 28, 1999, to Asahi Glass Co., Ltd., with English Abstract.
2. Japanese Laid-Open Patent Publication No. 10-21943 published January 23, 1998, to Sumitomo Chemical Co., Ltd. This application corresponds to U.S. Patent No. 5,985,477.
3. U.S. Patent No. 5,985,477 issued November 16, 1999, to Iwasaki et al.
4. Japanese Laid-Open Patent Publication No. 10-45913 published February 17, 1998, to Sumitomo Chemical Co., Ltd. This application corresponds to U.S. Patent No. 6,087,031.

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INFORMATION DISCLOSURE STATEMENT

5. U.S. Patent No. 6,087,031 issued July 11, 2000, to Iwasaki et al.
6. Japanese Laid-Open Patent Publication No. 11-502249 published February 23, 1999, with English Abstract.
7. Japanese Laid-Open Patent Publication No. 09-110982 published April 28, 1997, to Japan Synthetic Rubber Co., Ltd., with English Abstract.
8. Israel Cabasso et al., "Synthesis and Characterization of Polymers with Pendent Phosphonate Groups", *Journal of Applied Polymer Science*, Vol. 18, 1974, pp. 1969-1986.
9. Skip Gallagher, "Synthesis and Characterization of Phosphonate Containng Polysiloxanes", *Polymer Preprints*, Vol. 41, No. 1, 2000, pp. 70-71.
10. Japanese Laid-Open Patent Publication No. 11-503262 published March 23, 1999, to Case Western Reserve University. This application corresponds to U.S. Patent No. 5,525,436.
11. U.S. Patent No. 5,525,436 issued June 11, 1996, to Savinell et al.
12. Japanese Laid-Open Patent Publication No. 11-116679 published April 27, 1999, to Sumitomo Chemical Co., with English Abstract.
13. U.S. Patent No. 4,012,303 issued March 15, 1977, to D'Agostino et al.
14. U.S. Patent No. 4,605,685 issued August 12, 1986, to Momose et al.

One copy of each of the listed documents is submitted herewith, except for the U.S. patents.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

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U.S. Appl. No.: 10/519,198
INFORMATION DISCLOSURE STATEMENT

-----The submission of the listed documents is not intended as an admission that any such -----
document constitutes prior art against the claims of the present application. Applicant does not
waive any right to take any action that would be appropriate to antedate or otherwise remove any
listed document as a competent reference against the claims of the present application.

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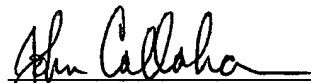
Respectfully submitted,

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John T. Callahan
Registration No. 32,607

Date: September 19, 2005

Substitute for Form 1449 A & B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/519,198
		Confirmation Number	4526
		Filing Date	December 23, 2004
		First Named Inventor	Ken YOSHIMURA
		Art Unit	1745
		Examiner Name	Unassigned
Sheet <u>1</u> of <u>1</u>		Attorney Docket Number	Q85156

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 4,012,303		03-15-1977	D'Agostino et al.
		US 4,605,685		08-12-1986	Momose et al.
		US 5,525,436	A	06-11-1996	Savinell et al.
		US 5,985,477	A	11-16-1999	Iwasaki et al.
		US 6,087,031	A	07-11-2000	Iwasaki et al.
		US			

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	09-110982	A	04-28-1997	Japan Synthetic Rubber Co.	Abstract
		JP	10-21943	A	01-23-1998	Sumitomo Chemical Co.	
		JP	10-45913	A	02-17-1998	Sumitomo Chemical Co.	
		JP	11-116679	A	04-27-1999	Sumitomo Chemical Co.	Abstract
		JP	11-144745	A	05-28-1999	Asahi Glass Co., Ltd.	Abstract
		JP	11-502249	A	02-23-1999		Abstract
		JP	11-503262	A	03-23-1999	Case Western Reserve University	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Israel Cabasso et al., "Synthesis and Characterization of Polymers with Pendent Phosphonate Groups", <i>Journal of Applied Polymer Science</i> , Vol. 18, 1974, pp. 1969-1986	
		Skip Gallagher, "Synthesis and Characterization of Phosphonate Containing Polysiloxanes", <i>Polymer Preprints</i> , Vol. 41, No. 1, 2000, pp. 70-71	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.